

CONTACT

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🌐 kingtaojasonng

in jasonkng

SKILLS

Data Analysis	5+ yrs
Leadership	1+ yrs
Statistics	5+ yrs
Strategic Thinking	4+ yrs
Software Quality Assurance	1+ yrs
Project Management	5+ yrs
Business Analysis	4+ yrs
Software Engineering	4+ yrs

KING TAO JASON NG

An experienced all-round data scientist

EDUCATION

Master of Research in Computer Science Macquarie University	2021 - Present
Identifying Causal Directions from Text: Unsupervised Learning using Bayesian framework	
Master of Data Science University of Sydney	2016 - 2019
Academic Capability Mapping	
Master of Economics in Econometrics and Financial Economics University of Sydney	2008 - 2012
Master of Information Technology in Knowledge Systems and Data Mining University of New South Wales	2005 - 2007
Bachelor of Science in Computer Science University of New South Wales	2001 - 2005

WORK EXPERIENCE

Senior Data Scientist Chief Data and Analytics Office, ASIC	Jul 22 - Present
Lead and implement Licensing ML Proof of Concept	
Senior Analytics Platform Owner Chief Data and Analytics Office, ASIC	Jul 21 - Jul 22
Promoted and managed Databricks, RStudio Servers, Python Servers and Data Science Lab	
Sessional Teaching Academic School of Computing, Macquarie University	Feb 22 - Jun 22
Taught Document Processing and Semantic Technologies (COMP3220)	
Data Scientist Chief Data and Analytics Office, ASIC	Oct 19 - Jul 21
Led and implemented NLP Prospectuses; Proposed and designed NLP pipeline	
Data Scientist School of Computer Science, University of Sydney	Aug 17 - Jun 19
Designed and developed Researcher Collaboration Recommendation System using Python and D3.js	

ACHIEVEMENTS

Australia Day Achievement Award

ASIC

Launched Market Analysis and Intelligence Surveillance System

ARI Award

Aristocrat Technologies Australia

Competent Communicator

Toastmasters International

Analyst

Market Infrastructure, ASIC

Jul 16 - Oct 19

Proposed and implemented Wash Trade Detection using KDB+/Q; Designed and implemented Market Data Analytics Hub using Elastic Stack

Analyst

Market & Participant Supervision, ASIC

Jan 13 - Jul 16

Managed and implemented Market Analysis and Intelligence Surveillance System; Drafted Technology and Analytics Capability Review

Intranet Programmer

Information and Communications Technology, Scots College

Oct 11 - Dec 11

Maintained and managed IBM DB2

Domain Analyst

Wagering Technology, Tabcorp Holdings Limited

Mar 11 - May 11

Managed requirements for Customer Loyalty Project

Software Engineer

Studio Development, Aristocrat Technologies Australia

Jul 08 - Mar 11

Designed and implemented gaming applications in C and C++; Proposed gaming concepts to senior executives

Graduate Software Engineer

Platform Development, Aristocrat Technologies Australia

Jul 07 - Jul 08

Designed and developed networking protocols for casino management systems in C and C++

Graduate Test Engineer

Software Integrity Testing, Aristocrat Technologies Australia

Jan 07 - Jul 07

Developed test plans; Performed unit and integration tests

PUBLICATIONS

Hierarchical Word Mover Distance for Collaboration Recommender System

2018

Chao Sun, King Tao Jason Ng, Philip Henville and Roman Marchant

The 16th Australasian Data Mining Conference, AusDM 2018, Bathurst, NSW, Australia, November 28 - 30, 2018, Revised Selected Papers

PROJECTS

Researcher Collaboration Recommendation System Tool: Python, D3.js

2018

WORKSHOPS & CONFERENCES

13th Data Management Community Australia Taxation Office

Jun 20

PROFESSIONAL MEMBERSHIPS

- Toastmaster Club
- The Econometrics Society
- Association Computing Machinery (ACM)
- Institute of Electrical and Electronics Engineers (IEEE)